



Florida Community College at
Jacksonville



Associate in Applied Science in Environ Science - Assessment & Safety

STUDENT DATA:

Comp

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit Potential
Required Credit

English Composition I (ENC 1101) [EN024A]

3.00

(This course embodies the fundamentals of effective expression with emphasis on the various forms of expository writing, logical and imaginative thinking, and reading for understanding. The course provides instruction in sentence structure, diction, organization of short essays, correct usage of standard American English and an introduction to documentation skills. FCCJ accepts the CLEP General Examination with Essay with a score at or above 50.)

{DANTES Code = 11.07.00}

College Algebra (MAC 1105)

3.00

(he major topics included in this course are linear equations and inequalities; quadratic equations and inequalities; relations and functions; graphs; systems of equations and inequalities; exponential and logarithmic functions; and applications. A review of algebraic techniques is also included in this course as well as a review of polynomials, factoring, exponents, roots and radicals. MAC 1102 cannot substitute for this course. Credit from college level testing may apply here.)

{DANTES Code = 14.01.00}

Humanities The Foundations (HUM 2211)

3.00

(his course consists of the study of life and creative expressions from their origins in early cultures of the Mediterranean regions through medieval Europe as surveyed through the visual arts, music, literature, philosophy and social history. The course examines the interaction of cultural experiences that developed and were passed on to later peoples. This course provides a basic foundation for study of all humanities courses and includes reading and writing competencies. This requirement may be filled with college level testing credit.)

{DANTES Code = 08.06.00}

Introduction to Sociology (SYG 2000)

3.00

(This course introduces students to sociology, the scientific analysis of human behavior in groups and societies. The course focuses on the impact of culture and societies on human behavior and personality development, describes and analyzes the structure of societies, including roles, statuses, groups, organizations, stratification and social institutions like family, medicine, religion, education, and government. Finally,

students are introduced to some of the problems faced by societies, such as crime and violence, racism, sexism, and ageism. College credit by examination may apply.)

{DANTES Code = 20.10.00}

Oral Communication - pick one [CM001A,CM002A]

3.00

(Choose one course listed below:

Speech Communication for Business and the Professions (SPC 2016)

Fundamentals of Speech Communications (SPC 2600)

College credit by examination may apply. Visit the FCCJ website for a description of these courses.)

Biology of Environmental Systems (BSC 2050)

3.00

(This course is an introduction to ecology, principles of ecology with applications to environmental issues and discussion of major terrestrial/aquatic ecosystems.)

{DANTES Code = 16.03.00}

Principles of General Chemistry (CHM 1032C)

4.00

(This course is an introduction to the concepts of inorganic chemistry including structures of matter, atomic theory, nomenclature, bonding, bases and introduction to organic chemistry. This course is for students who have had no previous chemistry and plan to major in dental hygiene, medical technology, nursing or health related fields. College credit by examination may apply.)

{DANTES Code = 16.05.00}

Technical Report Writing (ENC 2210)

3.00

(This is a communications course giving primary emphasis to writing for the professions. The course stresses the use of factual information in descriptive, analytical and researched recommendation reports. The course also provides instruction in writing effective and timely letters, memoranda and informational reports, developing graphs and illustrations, and presenting oral reports. College credit by examination may apply.)

{DANTES Code = 04.06.02}

Occupational Safety (ETI 1700)

3.00

(This course imparts the knowledge essential to safe practices in industry. Included in the course are an examination of current industrial safety management methods and the major provisions of the Occupational Safety and Health Act.)

{DANTES Code = 18.19.08 or 09.14.05}

Hazardous Material and the Environment (EVR 1015)

3.00

(This course covers the basic principles regarding the relationship between man and his environment. Emphasis is placed on an investigation into the physical, biological, economic, social and political factors producing ecological changes. In addition, effects of hazardous materials upon the environment are studied.)

{DANTES Code = 16.03.09 or 01.15.00 or 01.99.00}

Environmental Compliance (EVR 1030)	3.00
<p>(This course will focus on how environmental compliance is achieved in Northeast Florida via federal, state and local programs. Topics will include environmental regulations, policies, procedures and enforcement with emphasis placed on developing a holistic approach to the environment through field, office, lab, and legal procedures. In addition, students will learn to develop and implement a Hazard Communication Program for employees; to identify, label and placard hazards; to complete material safety data sheets; and to develop, implement and evaluate an effective hazard communication training program.)</p> <p>{DANTES Code = 12.05.00}</p>	
Hazardous Materials Regulations I (EVR 1640)	3.00
<p>(This course offers a historical overview of occupational and environmental health issues. Students will study past and present legislation with an emphasis on the interpretation of the Department of Labor's Occupational Safety and Health Act (OSHA).)</p>	
Hazardous Materials Risk Analysis (EVR 2630)	3.00
<p>(This course presents a systematic method to be utilized when analyzing risks associated with hazardous materials. This type of analyses might be done as part of a planning operation, when time is not a critical factor, or it might be done at the scene of an incident involving the leak of a hazardous material. Students will be taught the essential resources needed for each situation and how to use them.)</p>	
Hazardous Materials Health Effects (EVR 2805)	3.00
<p>(This course surveys the research done in determining the systematic health effects of exposures to chemicals. Topics covered include: the determination of risk factors, routes of entry, control measures, and acute and chronic effects. Emphasis is placed on toxicological terminology and how the products affect body systems.)</p>	
Environmental Sampling Procedures (EVR 1190)	3.00
<p>(This course emphasizes the theory and practical aspects of environmental sampling. Students will be taught the basic principles of properly collecting, analyzing, and interpreting the results of quality air, aqueous, and solid environmental samples in a safe and efficient manner. Students will gain hands-on experience in the following areas: meter calibration and maintenance, equipment decontamination, field survey techniques, and sample collection.)</p>	
Hazardous Materials Emergency Response I (EVR 1633)	4.00
<p>(This course teaches the skills needed to develop response tactics in the event of an incident in a company or community. Hazard analysis, preparing contingency plans, employee training, and testing contingency plans are part of this course. Students also learn what resources are available to assist in analyzing specific situations and in determining the correct action to be taken. This course meets the SARA requirement for response training.)</p>	

Environmental Pollutants (EVR 1985)**3.00**

(This course is an overview of the environmental impacts resulting from management of hazardous materials and their resultant waste. Emphasis is placed on understanding the sources responsible for soil, water and air pollution; mitigation philosophies and procedures; and regulations related to the management of said hazardous waste.)

Instrumentation Monitoring System and Analysis (EVR 2890)**3.00**

(This course emphasizes the methodology of sampling, analyzing, and interpreting results of hazardous materials. The program will include industrial hygiene sampling, testing ph and moisture content, selecting analytical service laboratories and an introduction to chemical methods of analysis including spectroscopy and chromatography.)

General Electives**8.00**

(Choose from the courses listed below:

Principles of Biology I (BSC 2010C)
 Human Biology (BSC 2020C)
 Human Anatomy and Physiology I (BSC 2085C)
 Human Anatomy and Physiology II (BSC 2086C)
 Introduction to Windows (CGS 1564)
 Mold Abatement & Removal (EVR 2820)
 Mold & Public Health (EVR 2821)
 Hazardous Communication Standard (EVR 1635)
 Environmental Pollutants (EVR 1985)

College credit by examination may apply. Visit the FCCJ website for a description of this course.)

Excess or Duplicate Credit**TOTAL****64.00****0.00**

Thank you for requesting support from the U.S. Coast Guard Institute (CGI). Whereas we serve as an activity in support of your unit Educational Services Officer (ESO), you are encouraged to seek assistance from your local ESO in your academic endeavors. The following information is provided to help you understand what is presented in this degree plan:

This document is an UNOFFICIAL Degree Plan to provide you with a preliminary assessment of how your prior learning experiences might fit into the specified degree program for this academic institution. If you choose to pursue this degree option, you must present it to a college representative, who will review it for the following:

- o Accurate representation of the college's degree program requirements, including course numbers and titles, credit hours for each course, lower- and upper-level course requirements, and the total number of credits needed for the degree.
- o Appropriate assignment of ACE Guide-recommended credit at the lower or upper level for military service schools and occupations, CLEP, DSST, and other tests, transfer credit for courses from other colleges and universities, certification

programs, etc.

o Appropriate assignment of SOC Course Category Codes from the SOC Handbook Transferability Tables. The SOC Degree Program Handbooks can be obtained from the SOC web site at: www.soc.aascu.org should you wish to learn more about the course transfer guarantees among SOC network institutions.

IMPORTANT NOTE: When you are ready to seek admission into this degree program, please contact the USCG Institute at 1-405-954-7241. Your advisor will send the college or university an official U.S. Coast Guard Institute transcript, a copy of the degree plan, and a ready-for-signature SOC Student Agreement which, when signed by a college official, becomes a contract for degree completion committing the college or university to supporting you in your academic endeavors.

Credit for all courses you have taken must be reflected on official transcripts sent directly to this college from the administrative offices of the colleges you previously attended. This degree plan is often used for information purposes by college counselors pending receipt of the official transcripts from the source colleges.

This degree plan is not intended to compete with your local college or university. Keep in mind, you are allowed to transfer in a significant amount of the degree requirements to this institution. As such, credit from local colleges, college level examination programs, or advanced military training may be applied to this degree. You may also complete the courses necessary from this college either in residence (on campus or possibly on a military base at a campus extension in the Education Center) or through distance delivery of the courses. If you have questions, please contact the college counselor or your advisor listed at the bottom of this Degree Plan.

DEGREE PLAN LEGEND:

SH = Semester hours
VOC = Vocational, not relative to an academic degree
LL = Lower Level, i.e. courses at the Freshman/Sophomore level
UL = Upper Level, i.e. courses at the Junior/Senior level
GL = Graduate Level (sometimes recommended by ACE for very complex courses)
[#] such as [EN024A] or [EN024B] = SOC Course Category Codes*
{#} such as {DANTES Code = 01.02.03} = DANTES Academic Codes **

* SOC Course Category Codes: Service members Opportunity Colleges (SOC) is a consortium of over 1,600 accredited colleges and universities seeking to provide degree opportunities to the military. Over 170 of these institutions participate in network degree programs developed for the Army, Navy, Marine Corps, and Coast Guard. A SOC course category number beside a course from one of these institutions, such as [EN024A] or [EN024B] for English Composition, indicates that courses from other degree program institutions with the same code may be taken to satisfy the degree requirement. See the SOC Degree Programs Handbooks at <http://www.soc.aascu.org/>

** DANTES Academic Codes: The Defense Activity for Non-Traditional Education Support (DANTES) publishes the DANTES Independent Study Catalog (DISC) annually, which lists more than 6,000 courses from dozens of regionally accredited colleges

and universities. Because this is a degree from a SOC affiliated college, the academic residency requirements are limited, thereby allowing students to transfer in a significant portion of the degree, as mentioned above. If the course you desire to take is not offered by this institution when you want to take it, consider the opportunities the courses in the DISC present. For more information, visit http://www.dantes.doded.mil/dantes_web/distancelearning/disc/front/cont.htm Keep in mind, you should always check with the counselor or academic advisor at this institution before enrolling in a course listed in the DISC to ensure it will be accepted in transfer toward this degree.

Florida Community College at Jacksonville (FCCJ) General Information

Florida Community College at Jacksonville is one of the leading providers of distance learning to the military and civilian personnel . Distance Learning (DL) is simply learning from a distance, usually from home, or from a conveniently located off-campus site. DL allows adults to earn college credits, even entire degrees, without ever leaving home. DL at Florida Community College at Jacksonville makes use of the Internet, software, modems, TV stations, 2-way television using fiber optics, and digital phone lines, satellites, videocassette and audio tape, and the ever-popular mailbox, to deliver instruction. As technology continues to become more accessible and more affordable, distance learning changes and evolves. Learners now have the opportunity to take classes without the necessity to attend regular, weekly lectures on campus. Online courses from all academic departments are available via Internet access. World Wide Ready courses at FCCJ are 100 percent online while other online courses require time and place-bound testing or orientation sessions. The FCCJ Class Schedule offers in-depth detail about online courses and identifies those that are 100 percent online. The Distance Learner Handbook is a rich resource for inquiry about distance learning at FCCJ.

Tuition per course: \$66.40 per semester hour in-state, Tuition for Georgia residents \$127.55 per semester hour, and
\$249.85 per semester hour out-of-state (subject to change)

Application fee:

U.S. citizens \$15.00 one time only
International students \$80.00 one time only
This fee is a processing fee and is non-refundable.

To discuss your next step toward earning this degree with FCCJ, contact:

Chris Johnson
Advisor
FCCJ Open Campus
Military Education Institute
601 West State Street
Jacksonville FL 32202
Phone: 904-357-8890
Email: military@fccj.edu

Lauren Webb
Advisor

FCCJ Open Campus
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Phone: 904-632-5084
Email: military@fccj.edu

Visit the Military Education Institute web site: www.fccj.edu/mei

POLICY NOTES:

Transfer credit accepted by FCCJ may include up to 45 semester hours of non-traditional credit (American Council on Education recommended credit and college level testing - CLEP, DSST, Excelsior and FCCJ's Proficiency Examination Program (PEP) tests). Also, 25% of the degree must be earned via FCCJ (including distance learning courses).

Evaluation completed by: Charles Morrison

On: 31 July 2007